

## CLAIM AMENDMENTS

Please **AMEND** the Claims as follows:

1.    **(ORIGINAL)** A method comprising:  
  
          receiving order information based on an order of a customer; and  
  
          determining an offer for the customer based on:  
  
                  the order information and  
  
                  at least one of  
  
                          a genetic program and  
  
                          a genetic algorithm.
  
2.    **(ORIGINAL)** The method of claim 1, further comprising:  
  
          determining an order price based on the order information,  
  
and in which determining an offer comprises:  
  
          determining an offer for the customer based on  
  
                  the order price, and  
  
                  at least one of  
  
                          a genetic program and  
  
                          a genetic algorithm.

3. **(ORIGINAL)** The method of claim 2, in which determining an offer comprises:

determining an offer for the customer based on

a round-up amount, and

at least one of

a genetic program and

a genetic algorithm.

4. **(WITHDRAWN)** A method comprising:

receiving order information based on an order of a customer;

determining an offer for the customer based on:

the order information, and

historical offer criteria; and

generating offer criteria for a subsequent offer based on potential upsell items.

5. **(WITHDRAWN)** A method comprising:
- generating a base set of rules based on historical order information;
- creating new rules based on
- the base set of rules and
- additional historical information; and
- optimizing the new rules based on experience from orders.
6. **(ORIGINAL)** A device, comprising:
- a processor; and
- a storage device coupled to the processor and storing instructions adapted to be executed by said processor to perform the method of claim 1.
7. **(PREVIOUSLY AMENDED)** A medium storing instructions adapted to be executed by a processor to perform the method of claim 1.

8. **(WITHDRAWN)** A computer-readable medium that stores data accessible by a program executable on a data processing system, the data being organized according to a data structure that includes:

a plurality of modifiable rules defining offers to provide during a transaction.

9. **(PREVIOUSLY PRESENTED)** The method of claim 1, further comprising:

determining a transaction total based on the order information; and  
calculating a difference between the transaction total and a next-highest dollar amount greater than the transaction total.

10. **(PREVIOUSLY PRESENTED)** The method of claim 9, in which  
determining an offer for the customer based on the order information and at least  
one of a genetic program and a genetic algorithm comprises:  
determining an offer for the customer based on:  
the difference and  
at least one of  
a genetic program and  
a genetic algorithm.

11. **(PREVIOUSLY PRESENTED)** The method of claim 10, further comprising:

determining an amount of sales tax associated with the transaction;  
and in which determining an offer for the customer based on the order information and at least one of a genetic program and a genetic algorithm comprises:

determining an offer for the customer based on:

the difference,

the amount of sales tax, and

at least one of

a genetic program and

a genetic algorithm.

12. **(PREVIOUSLY PRESENTED)** The method of claim 1, further comprising:

displaying the offer on a display.

13. **(PREVIOUSLY PRESENTED)** The method of claim 1, further comprising:

- determining a transaction total based on the order information;
- providing the offer to the customer;
- receiving an indication of acceptance of the offer;
- generating new order information representing at least one additional product being added to the order information; and
- determining a new transaction total based on the new order information.

14. **(PREVIOUSLY PRESENTED)** The method of claim 1, in which determining an offer comprises

- determining an offer for the customer based on:
  - the order information,
  - at least one of a genetic program and a genetic algorithm, and
  - historical offer criteria.